

January 12, 2005

Hazardous, Toxic and Radioactive Waste
Center of Expertise

Mr. Jack Bills
USACE FUSRAP Maywood Laboratory
100 West Hunter Avenue
Maywood, NJ 07607

Dear Mr. Bills:

This correspondence addresses the ongoing validation status of the USACE FUSRAP Maywood Laboratory of Maywood, NJ by the U.S. Army Corps of Engineers (USACE) for radiological analysis in support of the USACE Hazardous, Toxic, and Radioactive Waste Program. Your laboratory is now validated for the parameters listed below:

METHOD	PARAMETERS	MATRIX ⁽¹⁾
SOP 622	ORTEC Gamma Spectrum Analyzer Operation	NA
SOP 623	Operation of the Protean WPC-9550 Alpha- Beta Gas Proportional Automatic Planchet Counter	NA
SOP 624	ORTEC Alpha Spectroscopy System Operation	NA
SOP 625	PROTEAN GAS PROPORTIONAL COUNTER Multi-Detector System Operation	NA
SOP 641	Receipt and Preparation of Soil and Air Filter Samples for Analysis	Solid
SOP 642	Microwave Digestion of Soil and Filter Samples	Solid
SOP 643	Receipt and Preparation of Water Samples for Analysis	Water
SOP 647	Uranium Analysis Separation Method	NA
SOP 648	Thorium Analysis Separation Method	NA
SOP 649	Radium 226 Analysis Separation Method	NA
SOP 650	Radium 228 Separation for Isotopic Analysis - EPA 904	NA
SOP 651	Measurement of Gross Alpha and Gross Beta Particle Activities in Drinking Water	Water
SOP 651	Measurement of Gross Alpha and Gross Beta Particle Activities in Drinking Water	Solid

Remarks: 1) 'Solids' includes soils, sediments, and solid waste. NA indicates not applicable.

Enclosed for your information is a copy of the Laboratory Inspection and Evaluation Report. Your laboratory has responded to the deficiencies as noted in the report. No further responses are necessary.

Based on the results of the laboratory inspection; your Corrective Action Report; review of the USACE FUSRAP Maywood Laboratory of Maywood, NJ Quality Manual and accompanying documentation; and the laboratory's analysis of Performance Evaluation samples from the DOE Quality Assessment Program (QAP) your laboratory will be validated for sample analysis by the methods listed above. The HTRW CX grants the approval for these parameters to USACE FUSRAP Maywood Laboratory of Maywood, NJ for the FUSRAP Maywood Superfund Site project.

Approval of these parameters does not guarantee the award of any contracts from a USACE Contracting Officer

The evaluation of your facility is based substantially on ISO Guide 25 (General Requirements for the Competence of Testing Laboratories) and USACE Engineering Manual (EM) 200-1-3, Appendix I (Shell for analytical Chemistry Requirements. The period of validation has been previously established and expires on October 16, 2005. It should be noted that this office reserves the right to suspend acceptance status at any time if technical performance is found to be deficient.

Any questions or comments can be directed to Dr. Jan W. Dunker at (402) 697-2566. General questions regarding laboratory validation may be directed to the Laboratory Validation Coordinator at (402) 697-2574.

Sincerely,

Marcia C. Davies, Ph.D.
Director, USACE Hazardous,
Toxic and Radioactive Waste
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